(19) World Intellectual Property Organization

International Bureau



I ERBIG RINCORD HE ERBIG COMO BALLO BALLO RIGOT FOI DI BALLO HERDE HOLD HERDE COMO ERBIG HERDE HOLD ERBIG ERBIG

(43) International Publication Date 28 October 2004 (28.10.2004)

PCT

(10) International Publication Number WO 2004/092528 A3

(51) International Patent Classification7:

E21B 23/02

(21) International Application Number:

PCT/US2004/010762

(22) International Filing Date:

6 April 2004 (06.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/461,038

7 April 2003 (07.04.2003) US

- (71) Applicant (for all designated States except US): ENVEN-TURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US). WATSON, Brock, Wayne [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US). TREECE, Harold [US/US]; 213 Ridgecrest Drive, Duncan, OK 73533 (US).
- (74) Agent: MATTINGLY, Todd; Haynes and Boone, 1.LP, Suite 3100, 901 Main Street, Dallas, TX 75202 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NI., PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

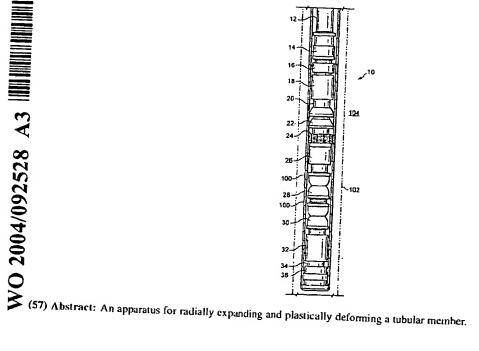
of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of umendments
- (88) Date of publication of the international search report: 10 November 2005

[Continued on next page]

(54) Title: APPARATUS FOR RADIALLY EXPANDING AND PLASTICALLY DEFORMING A TUBULAR MEMBER





BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.

A. CI	ASSIEICATION OF GUIDA		PCT/US04/10	762
PC(7)	ASSIFICATION OF SUBJECT MATTER : E21B 23/02			
US CL	: 166/207 55 7			
According	to International Patent Classification (IPC) or to b	oth made at a second		
B. FIE	ELDS SEARCHED	our national classification	and IPC	
Minimum d	documentation searched (classification			
U.S. :	documentation searched (classification system follo	wed by classification syml	bols)	
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Documente	Air and the second seco			
None	tion searched other than minimum documentation	to the extent that such docs	Ilments are include	1: 0 7:
			are menue	in the neith searched
			•	
Electronic d	lata base consulted during the international search (Continuation Sheet	(name of data by		
Please See (Continuation Sheet	, name of data base and, wh	iere practicable, sea	irch terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indicasi			
A	Citation of document, with indication, who US 2005/0056433 A1 (RING et al) 17 Moreh 20	ere appropriate, of the rele	vant passages	Relevant to claim l
	US 2005/0056433 A1 (RING et al) 17 March 20	005 (17/03/05), see entire d	locument	1-75
	1			1 1-73
				İ
l				
				1
- 1				
1				
- 1				
1				1
i				
				İ
1	•		į	
			j	ı
_ Further de	ocuments are listed in the continuation of Box C.			
Spec	cial categories of cited documents:	See patent fa		
		"T" later document	published after the intern	ational filing date or priority
particular rek	fining the general state of the art which is not considered to be of	date and not in o	conflict with the applicat	ional filing date or priority ion but cited to understand the
		prompte of alco	and the state of t	KOTS
earner applica	ation or patent published on or after the international filing date	"X" document of part	ticular relevance; the cla	imed invention cannot be
document whi	ich may throw double an artist a co	when the docum	en eannot be considered ent is taken alone	amed invention cannot be I to involve an inventive step
specified)	sublication date of another citation or other special reason (as			
		considered to inv	ticular relevance; the clai	ined invention cannot be hen the document is combined
ocument refe	rring to an oral disclosure, use, exhibition or other means	with one or more	Other such demonstrate	men use document is combined such combination being
document publ	lished prior to the international City	•	The same at the safe	
		"&" document membe	er of the same patent fam	îly
of the actual	completion of the international search			
ugust 2005 (Date of mailing of the m	temaniplaticearch	report
-6-003	g address of the ISA/US	0125	'I TOOM	=
e and mailing	, address of the ISA/US	Authorized officer		
e and mailing Mail Stor	DPCT Attn: ICA/IIc		-A-A In	
Commiss	P PCT, Attn: ISA/US Sioner for Patents	1 D. L. L. Dalla y so :	ייקאסיוסר	
Commiss P.O. Box	sioner for Patents		woo	
Commiss P.O. Box	Noner for Patents 1450 12. Virginia 22313-1450	1 D. L. L. Dalla y so :	_ 1 _	

INTERNATIONAL SEARCH REPORT	International application No.	
THE TOTAL OR I	PCT/US04/10762	
	•	
ontinuation of B. FIELDS SEARCHED Item 3:		
AST		
search terms: Radially adj expanding and cutting		
		- 1
		-
		1
		1